

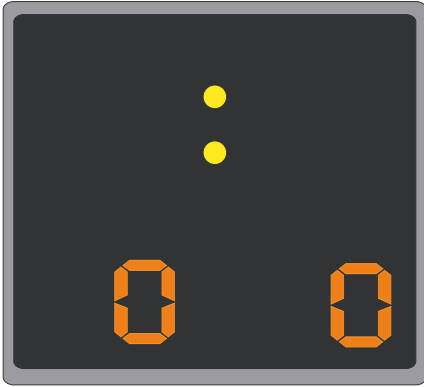


DIGITAL SCOREBOARD INSTRUCTION MANUAL



7 SEGMENT DIGITS WITH CLOCK

1) Scoreboard connections:

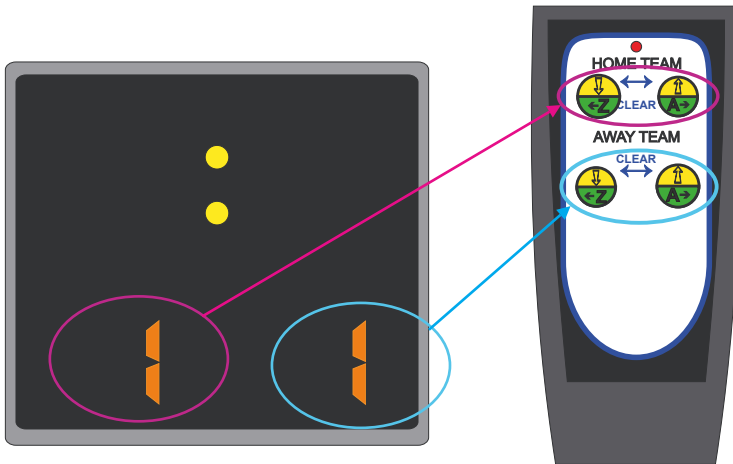


- The scoreboard should be supplied with a 230V mains supply.
- The mains supply should be fed through a 5 amp circuit breaker and it is highly recommended that the supply should be fed through a Residual Current Device (RCD)
- If the scoreboard has been supplied with a separate aerial this should be mounted as high as possible

2) Normal Operation:

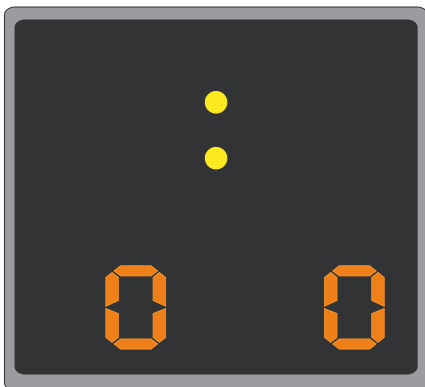


- When the scoreboard is switched on it will display a “code” number stored in memory. This is displayed for five seconds. The scoreboard will revert to normal score display. Note the clock display may be blank at startup
- There are five possible codes that may be used. This allows a number of scoreboards to be operated in close proximity of each other
- Further details on programming the code can be found at the end of the manual



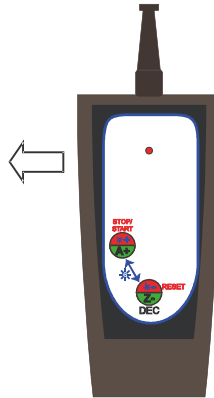
1) To increase the score press the  button



2) To decrease the score press the  button

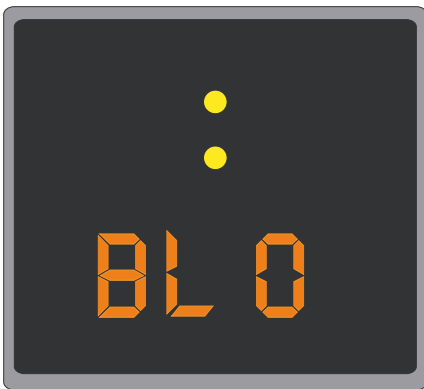



3) To zero the score press the  &  buttons together

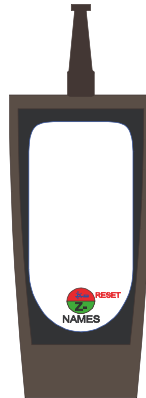
3) Brightness Operation:






To set scoreboard into brightness mode, press the  &  buttons on handset together. The scoreboard will display the above message for two seconds and will then display brightness level as below.



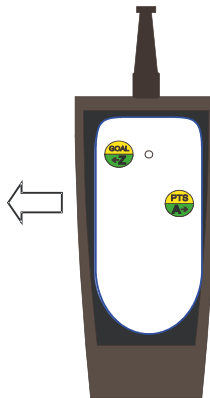
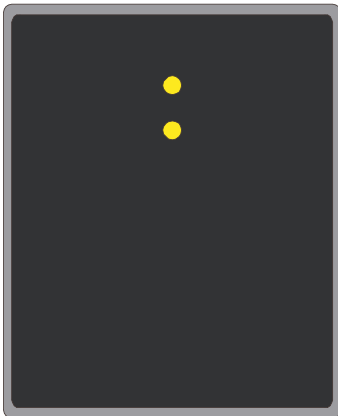
To “Increase” the brightness of the display press the  button and display brightness will increase. The level will increase to “BL = 7” This is the highest brightness.





To “Decrease” the brightness of the display press the  button and display brightness will decrease. The level will decrease to “BL = 0” This is the lowest Brightness.

To return to normal scoreboard into mode, press the &   buttons on the handset together. The normal scoreboard will be displayed

4) Scoreboard Blank:



To blank the scoreboard display, press the  &  The score will be restored if any score button is pressed.

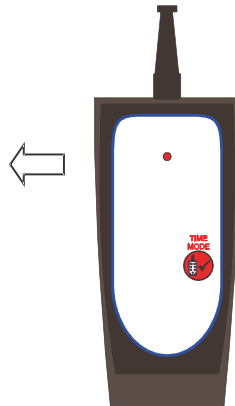
If the timer is running or the real time has been selected the scoreboard cannot be blanked.


5) Clock mode:

There are a number of modes on the scoreboard to display:

- Time Clock Display
- Minute & seconds count-up
- Minute & seconds countdown
- Counter display blank



During setup the mode set will rotate around the four modes shown above



The clock / counter display will remember the mode previously selected and turn on in the same mode. To alter the various modes of the clock counter display push & hold the “Time Mode”  button until the display changes.

The next mode in the sequence will be shown so if the display was blank then the clock mode would be next:



The display will now show “time set” mode. Press  to increase the time. The minute value will increase to 59 then the hour will be increased. Press  button to decrease the clock to the correct time.

When the correct time is shown press the  button.

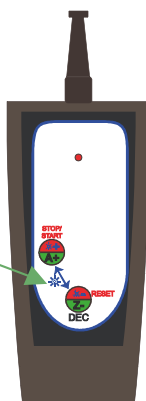
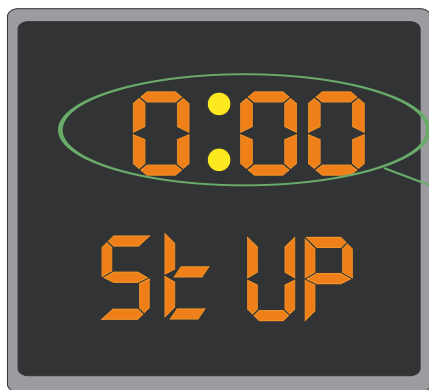
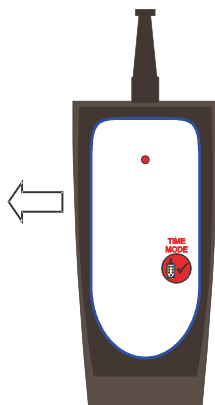


The display will now display “STrE” temporarily and after two seconds show the actual time.

Note if the time value is not adjusted then the scoreboard will use the clock value that is already running in the background. This means that the clock does not need to be adjusted each time the count up or countdown display is used

6) Countup mode:

To activate countup mode. Push & hold the “Time Mode” button until the display changes.



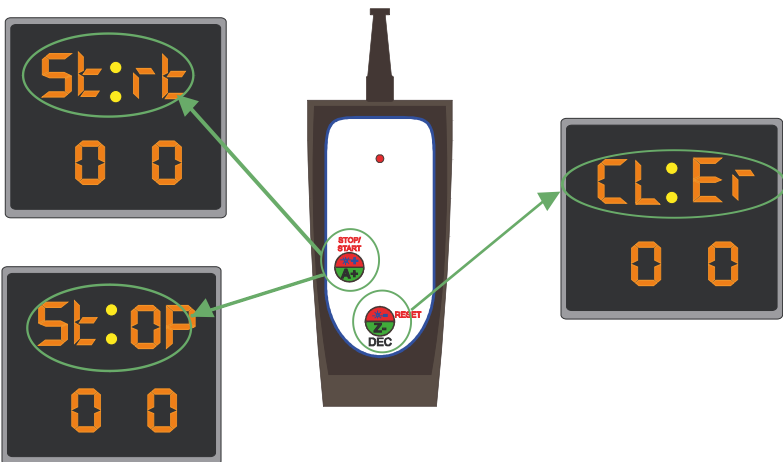
Press  to increase value or  to decrease the value for the counter to start from.



To store the timer value press the  button.



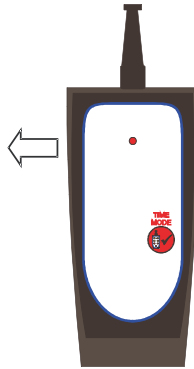
The display will display “STORE” and after two seconds show the countup time.




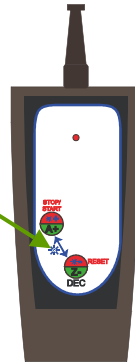
To start and stop the counter press . To clear the counter press  hold until “CLER” is displayed. Release the button.



Note: The counter must be stopped before it can be reset

7) Countdown mode:



To activate countdown mode. Push & hold the “Time Mode” button  until the display changes.

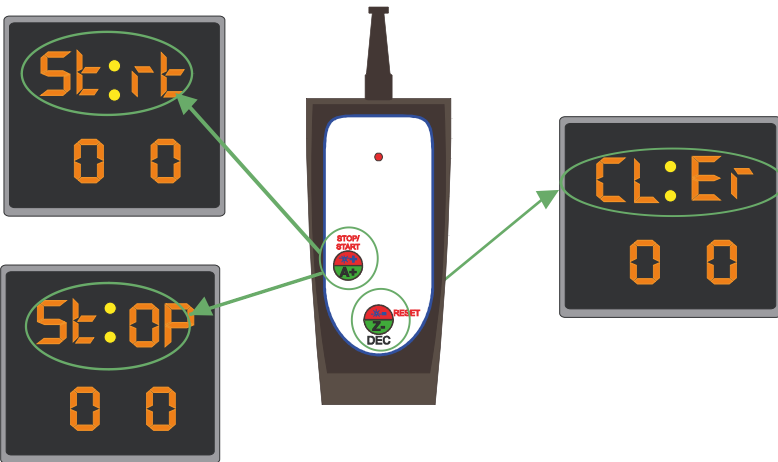


The display will now display “St dn” mode. Press  to increase or  to decrease the counter start value.

To store the initial countdown value press



The display will indicate “STORE” and after two seconds show the countdown time.



To start and stop the counter press

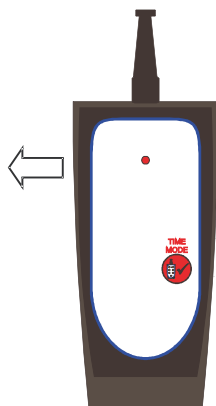
To clear the counter press

hold

until “CLER” is displayed. Release the button.

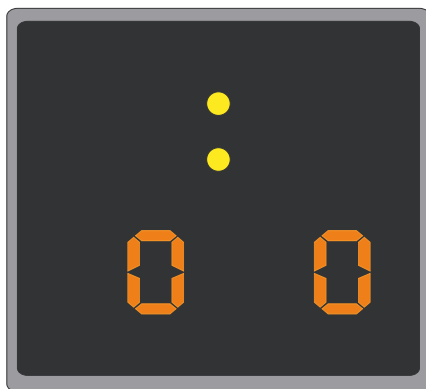
Note: The counter must be stopped before it can be reset

8) Count / Clock blank:



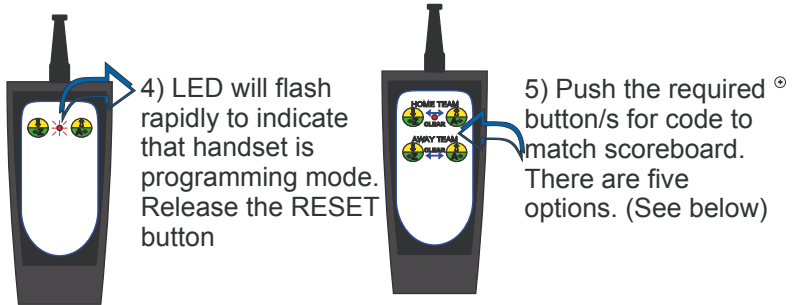
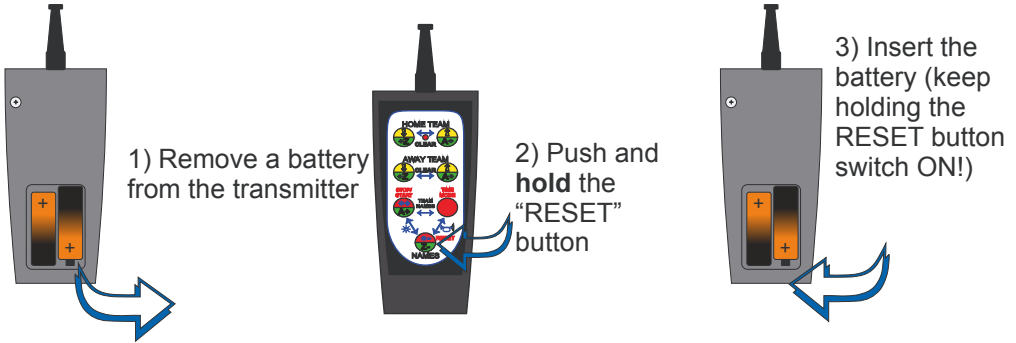
To blank the clock / counter display use the  to display BLn on the top line.

No need to press any other button the clock timer is blanked:



Appendix A

Minigrip Remote Handset Code Change



CODE 0
(DEFAULT)



CODE 1



CODE 2



CODE 3



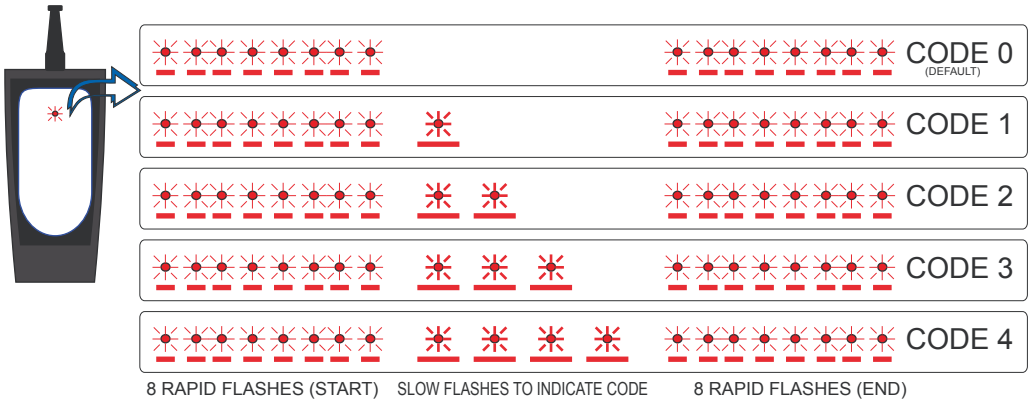
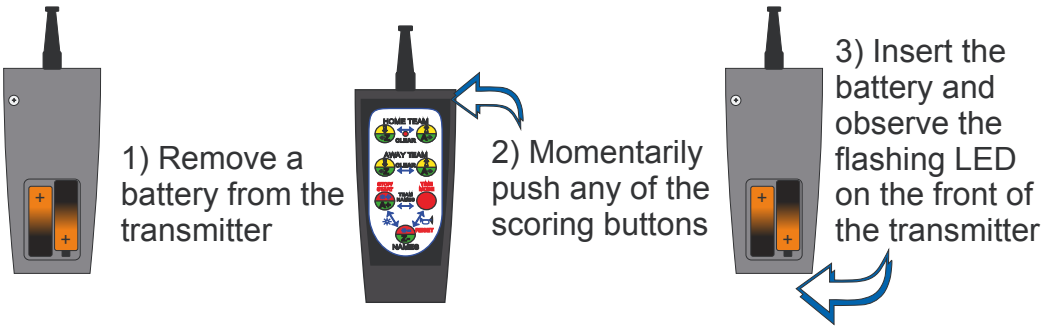
CODE 4

6) Handset is now programmed to new code

Appendix B

Minigrip Remote Handset Code Checking

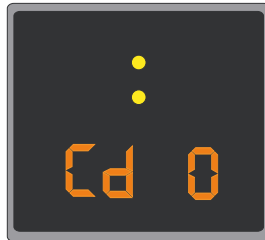
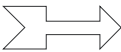
The transmitter unit has a programmed address code stored internally. This allows a number of scoreboards to be operated in close proximity of each other.



Appendix C

Learning handset code into scoreboard

- 1) Switch off power to scoreboard
- 2) Set handset to desired code (*Appendix A*)
- 3) Press and hold any of the scoring buttons on the transmitter
- 4) Switch on power to scoreboard
- 5) Scoreboard will learn new code during startup



Set desired code on transmitter (*Appendix A*)

Push & hold score button

Switch on power to scoreboard

Scoreboard will display old code

Scoreboard will learn and store new code

New code will be display.
Scoreboard will resume normal operation

Appendix D

Trouble shooting guide

Scoreboard is not displaying any information check the following points:

- 1) Make sure the power is switched on and that **all** isolator switches are switched on
- 2) Press score buttons to make sure that the scoreboard has not been blanked
- 3) Check that the LED brightness has not been set too low
- 4) If you can see the LED controller board there should be two green lights
- 5) Check the plug in fuses in the side of the scoreboard

Scores are displayed but the remote handset is not operating:

- 6) Replace batteries in remote control transmitter
- 7) Move closer to scoreboard. Typical range is 100 metres but this can be effected by surroundings and external interference
- 8) Check that the red LED lights on the transmitter when a button is pressed. Check if the receive LED on the scoreboard controller lights when pressing the remote control transmitter
- 9) Check that the scoreboard and transmitter are on the same code (Appendix A & B) **Note:** The receive LED on the scoreboard controller will flash slowly if it detects a transmitter on a different code

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